JOURNAL OF COATINGS TECHNOLOGY

Annual Index

1976

Volume 48
Numbers 612-623
January thru December, 1976

Journal of Coatings Technology
1976 Annual Index

Key Word Index

A

Abrasion resistance ..... 63—Aug.
Absorption ..... 30—May
Accelerated method ..... 60—Jan.
Accelerated tests ..... 61—Jun.
Accelerated weathering ..... 60—Oct.
Acid-base ratio (ABR) ..... 83—Sept.
Adhesion ..... 61—Mar.
Adsorption ..... 58—Nov.
Aircraft coatings ..... 43—Apr.
Air interface ..... 45—Aug.
Alcohols ..... 45—Nov.
Aliphatic polyamines ..... 46—Jun.
Alkyd ..... 60—Oct.
Alkyd house paints ..... 62—Jul.
Alkyd resin ..... 53—May
Alternating copolymers ..... 41—Jan.
Alpha particle backscattering ..... 43—Jul.
Anatase pigment ..... 75—Sept.
Anchoring ..... 31—Jun.
Angular distribution ..... 30—May
A. *pullulans* ..... 31—Jun.
Aromatic polyamines ..... 46—Jun.
Aureobasidium pullulans ..... 35—Apr., 59—May
Autoxidation ..... 58—Dec.

B

Bacteria ..... 58—Apr., 80—Nov.
Belt speed ..... 43—Dec.
Benzoin isobuytl ether (BIBE) ..... 48—Jul.
Biocides ..... 61—Jun.
Bleached, hydrogenated linseed oil ..... 55—Aug.
Blocking ..... 83—Sept.
Bonding ..... 58—Nov.
Bubble size ..... 55—Oct.

C

Calcium resinates ..... 83—Sept.
Cans ..... 43—Jul.
Cellulase ..... 80—Nov.
Characterization of copolymers by pyrolysis .. 41—Jan.
Charge-transfer complex ..... 41—Jan.
Chromaticity ..... 35—Oct.
Color ..... 53—Feb.
Color difference ..... 58—Aug.
Colorimeters ..... 58—Aug.
Color measurement ..... 55—Aug.
Color shading ..... 58—Aug.
Computer formulation ..... 53—Feb.
Conductive extenders ..... 61—Mar.
Cook logs ..... 52—Jul.
Corrosion ..... 63—Apr.
Corrosion resistance ..... 61—Mar.
Cosolvent selection ..... 37—May
Costs ..... 61—Feb.
Costs of various mildewcide systems ..... 62—Jul.
CPVC ..... 51—Jan., 38—Mar.
Cross-hatch adhesion test ..... 52—Jun.
Crosslink density ..... 42—Oct.
Crosslinked fluoropolymer coatings ..... 43—Apr.
Curing ..... 43—Jul.
Cycloaliphatic polyamines ..... 46—Jun.

D

Data treatment ..... 63—Aug.
Decolorized linseed oil ..... 55—Aug.
Defoamer ..... 55—Oct.
Dibasic acid ..... 37—Dec.
Drying ..... 58—Aug.
Drying time ..... 52—Jun., 55—Aug.

E

Effective viscosity ..... 68—Sept.
Elastic modulus ..... 42—Oct.
Electrical conductivity ..... 53—Sept.
Electrical resistance ..... 58—Mar.
Electrochemical analysis ..... 42—Feb.
Electrochemistry ..... 51—Aug.
Electrodeposition ..... 51—Aug.
Electrodeposition coatings ..... 53—May
Electrostatic ..... 45—May
Electrostatic repulsion ..... 55—Oct.
Energy dispersive X-ray analysis (EDXA) .... 33—Mar.
Energy transfer ..... 34—Nov.
Environmental controls ..... 61—Feb.
Enzymes ..... 48—Apr.
Epoxies ..... 34—Nov.
Epoxy ..... 46—Jun.
Epoxy ester ..... 53—May
Evaporation ..... 45—Nov.
Evaporometer ..... 45—Nov.
Explosive limits ..... 44—Mar.
Exposure studies ..... 38—Mar.
Exposure time ..... 48—Jul.
Exterior acrylics ..... 62—Jul.
Extraction ..... 61—Feb.

F

Fatty acid ..... 37—Dec.
Fatty acid derivatives ..... 46—Jan.
Filling line ..... 71—Nov.
Flammability ..... 44—Mar.
Flash point ..... 44—Mar.
Flash rusting ..... 63—Apr.
Flocculation ..... 58—Nov.
Flowcoat ..... 45—May
Fluoroepoxy and polyurethanes ..... 43—Apr.
Fluorescence ..... 34—Nov.
Flushing ..... 58—Nov.
Foam ..... 55—Oct.
Formulating ..... 51—Jan.
Fungal growth control ..... 59—May
Fungal succession ..... 35—Apr.
Fungicides ..... 31—Jun.

G

Gloss ..... 63—Aug., 42—Oct.
GPSS ..... 71—Nov.

H

Hardness ..... 55—Aug.
Hiding power ..... 45—Aug.
High solids coating ..... 58—Sept.

Hydration ..... 68—Sept.
Hydrogenation ..... 61—Feb.
Hydrophilic pigments ..... 58—Nov.
Hydrosilylation ..... 46—Jan.
Hyroxyethylcellulose ..... 35—Apr.
Humidity resistance ..... 63—Apr.

I

Industrial finishes ..... 37—May
Infrared (IR) ..... 48—Jul.
Infrared spectra ..... 58—Dec.
Inoculation ..... 58—Apr.
Input/Output power ..... 43—Dec.
Insult test ..... 58—Apr.
Intercoat adhesion ..... 52—Jun.
Intrinsic viscosity ..... 58—Sept.
Iodine ..... 53—Sept.
Ionic radius ..... 53—Sept.
Isothermal process ..... 42—Oct.
Isotropic light flux ..... 30—May

K

Knowledge Availability Center (KASC) ..... 31—Jun.
Kubelka-Munk scattering function ..... 35—Oct.

L

Lacquer ..... 43—Jul.
Latex coatings ..... 63—Apr.
Latex emulsion ..... 80—Nov.
Latex paints ..... 52—Jun., 45—Aug.
Lead, absorption of in the gastro-intestinal tract ..... 48—Apr.
Liming ..... 83—Sept.
Linseed oil ..... 53—May, 58—Dec.
Linseed oil paints ..... 55—Aug.
Liquid polymers ..... 53—May
Low surface energy coatings ..... 43—Apr.
Luminance ..... 35—Oct.

M

Macrocycle ..... 53—Sept.
Melamine ..... 52—Jul.
Mercurials ..... 62—Jul.
Metal acetylacetonates ..... 58—Dec.
Metallized paint films ..... 53—Feb.
Metal sulphides ..... 48—Apr.
Methyl eleostearate ..... 46—Jan.
Microbiocides ..... 31—Jun.
Microecology ..... 35—Apr.
Microvoids ..... 35—Oct.
MIDOC ..... 61—Jun.
Mie theory ..... 30—May
Mildewcides ..... 31—Jun., 62—Jul.
Mildew Defacement of Organic coatings (MIDOC) ..... 31—Jun.
Mildew resistant coatings ..... 62—Jul.
Millbase ..... 75—Sept.
Minimum film forming temperature ..... 60—Jan.
Molecular weight ..... 38—Jun.

N

N-(Benzimidazol-2-yl)arylcarboxamides ..... 50—Dec.
Neopentyl glycol ..... 52—Jul.
Nitrocellulose/acrylic emulsion ..... 37—May
Non-mercurials ..... 58—Apr., 62—Jul.

O

Oligomer viscosity ..... 58—Sept.
Opacity ..... 75—Sept.
Optimization ..... 71—Nov.
Orchard theory ..... 42—Oct.
Organic functional group analysis ..... 42—Feb.
Organolead compounds ..... 60—Oct.
Organotin resins ..... 59—May
Oxidation ..... 53—Sept.
Oxidation-reduction potential ..... 80—Nov.
Oxidant ..... 80—Nov.

P

Packaging ..... 71—Nov.
Paint film properties ..... 38—Jun.
Paint mildew ..... 35—Apr.
Particle size ..... 45, 63—Aug.
Particle size distribution ..... 63—Aug.
Percent volatile loss ..... 43—Dec.
Permeability ..... 58—Mar.
Phase function ..... 30—May
Phenolic spar varnish ..... 60—Oct.
Phenylmercurial ..... 58—Apr.
Photoinitiator ..... 75—Sept., 43—Dec.
Photoinitiated polymerization ..... 48—Jul.
Photostabilization ..... 34—Nov.
Phthalocyanine ..... 53—Sept.
Pigment ..... 38—Mar., 63—Apr., 35—Oct.
Polarization ..... 35—Oct.
Polarography ..... 42—Feb.
Pollution ..... 61—Feb.
Polyester resins ..... 52—Jul.
Polyisocyanate ..... 52—Jul.
Polymer emulsions ..... 52—Jun.
Polymer molecular weight ..... 63—Aug.
Polymer primer coatings ..... 51—Aug.
Polymer UV protection ..... 50—Dec.
Polyol ..... 52—Jul., 37—Dec.
Polyurethane film discoloration ..... 50—Dec.
Powder coatings ..... 63—Aug.
Preservative ..... 58—Apr.
PVC ..... 51—Jan., 52—Jun., 45—Aug.

Q

Quenching ..... 34—Nov.

R

Radiation curing ..... 43—Dec.
Random copolymers ..... 41—Jan.
Rayleigh scatterers ..... 35—Oct.
Reflectance ..... 55—Aug., 75—Sept.
Relative rate ..... 45—Nov.
Reproducibility ..... 60—Jan.
Resin ..... 37—Dec.
Resistance change ..... 58—Mar.
Rheology ..... 42—Oct.
Rotogravure ink vehicles ..... 83—Sept.
Rule 66 ..... 61—Feb., 45—May
Rutile pigment volume concentration (PVC) . 75—Sept.

S

Salt spray ..... 63—Apr.
Scanning electron microscope (SEM) ..... 33—Mar.
Scattering coefficient ..... 30—May
Short oil alkyd resin ..... 38—Jun.
Simulation ..... 71—Nov.
Simultaneous evaluations ..... 60—Jan.
Single pigment paints ..... 38—Mar.
Smooth surfaces ..... 45—Nov.
Soil-resistant coatings ..... 43—Apr.
Solubility parameter ..... 37—May, 58—Sept.
Solubilizer ..... 37—Dec.
Solvent-free coatings ..... 46—Jun.
Solvent interaction ..... 68—Sept.
Solvent-oligomer interaction ..... 58—Sept.
Solvent process ..... 83—Sept.
Solvent recovery ..... 45—May
Solvents ..... 61—Feb., 44—Mar., 45—May, 68—Sept., 45—Nov.
Solvent viscosity ..... 58—Sept.
Southern pine ..... 60—Oct.

Spacer ring ..... 58—Aug.
Spectroscopy ..... 45—Aug.
Sprayability ..... 38—Jun.
Stain resistance ..... 45—Aug.
Statistics ..... 63—Aug.
Steel ..... 63—Apr.
Styrene-maleic anhydride copolymers ..... 41—Jan.
Surface state ..... 55—Oct.
Surface tension ..... 58—Nov
Systems ..... 45—May

T

Tall oil rosins ..... 83—Sept.
t-butyl hydroperoxide ..... 58—Dec.
Tensile strength ..... 45, 63—Aug.
Test panels ..... 42—Oct.
Thermoset ..... 42—Oct.
Thinners ..... 44—Mar.
Time study ..... 71—Nov.
Tinplate ..... 43—Jul.
TiO_2 ..... 45—Aug. 58—Nov.
Titanium pigment ..... 75—Sept.
Toxicity ..... 48—Apr.
Trace metal analysis ..... 42—Feb.
Trade sales paints ..... 51—Jan.
Trilinolenin ..... 55—Aug.
Trimethylolpropane triacrylate (TMPTA) ..... 48—Jul.
Trimethylpentanediol ..... 52—Jul.
Turbid-medium theory ..... 53—Feb.

U

Ultimate elongation ..... 63—Aug.
Ultraviolet (UV) ..... 48—Jul., 75—Sept., 43—Dec.
Uranyl ion ..... 53—Sept.
Urethanes ..... 52—Jul., 34—Nov.
UV absorption ..... 50—Dec.
UV coating ..... 58—Sept.
UV stabilizers ..... 34—Nov., 50—Dec.

V

Vapor pressure ..... 44—Mar.
Vehicle nonvolatile ..... 51—Jan.
Vinyl acrylic ..... 60—Oct.
Viscosity ..... 42—Oct., 55—Oct.
Viscosity of alcohols ..... 68—Sept.
Viscosity prediction ..... 68—Sept.
Voltammetry ..... 42—Feb.
Volatility ..... 37—Dec.

W

Wall curvature ..... 55—Oct.
Water ..... 45—Nov.
Water-based preservatives ..... 33—Mar.
Water solubility ..... 37—Dec.
Water-soluble polymer ..... 53—May
Water soluble solvents ..... 68—Sept.
Wavelength ..... 75—Sept., 42—Oct.
Weather-Ometer ..... 60—Oct.
Weibull distribution ..... 63—Aug.
Wood ..... 33—Mar.
Wood finishes ..... 37—May
Wood preservatives ..... 60—Oct.

X

X-ray ..... 53—Sept.

Y

Yellowing ..... 55—Aug., 34—Nov.

Z

Zinc oxide ..... 62—Jul.
Zinc-rich coatings ..... 61—Mar.

Alphabetical Listing of Papers

A

Adhesion of Latex Paint — Part I—Montreal Society for Coatings Technology, Jun., p. 52.
Alpha Backscattering Technique to Establish Parameters for Curing Oleoresinous Lacquers on Tinplate —V. W. Wilson and M. Peisach, Jul., p. 43.
Analysis and Measurement of Foaming Phenomena in Water-Based Coating Systems—P. D. Berger and J. A. Gast, Oct., p. 55.
ANSI Councils: A Democratic Route to Technology Assessment—W. T. Cavanaugh, May, p. 64.
Application of Liquid Diene Polymers to Electrodeposition Coatings—R. Kita and A. Kimi, May p. 53.
Application of the Weibull Distribution Function in the Coatings Industry — III. Further Theoretical and Practical Considerations—H. E. Hill, Aug., p. 63.
Are Conventional Trade Sales Formulating Practices Wasteful?—F. B. Stieg, Jan., p. 51.
Artificial Weathering of Coatings on Organolead-Treated Southern Yellow Pine—H. M. Barnes, Oct., p. 60.
Assessment of Electrical Resistance Technique for Moisture Permeability Measurements—J. Rybicky and J. P. Marton, Mar., p. 58.

C

Calcium Salts of Tall Oil Rosins—J. Jilek, Sept., p. 83.
Chemical Anchoring of Mildewcides in Paint — Analysis of the Literature—C. U. Pittman, Jr., Jun., p. 31.
Color and Appearance of Metallized Paint Films—F. W. Billmeyer and E. C. Carter, Feb., p. 53.
Computer Simulation to Optimize Paint Packaging—D. L. Gebauer and J. N. Wiborg, Nov., p. 71.
Continuing Study of Non-Mercurial Mildewcides in Alkyd and Acrylic House Paints—Louisville Society for Coatings Technology, Jul., p. 62.
Corrosion Inhibiting Pigments Used in Aqueous Coatings—New England Society for Coatings Technology, Apr., p. 63.
Crystallography of Chrome Orange—S. Pollack and R. L. Feller, Jul., p. 68.

D

Determination of the CPVC of Latex Paints Using Hiding Power Data—J. P. Rudolph, Aug., p. 45.
Development of Water-Soluble Alkyd Coatings—M. A. Lerman, Dec., p. 37.

E

Economics of Converting to Water-Borne Coatings—G. D. Coutts, May, p. 45.
Effect of Molecular Weight of Short Oil Alkyd on Paint Film Properties and Sprayability—T. Nagata, Jun., p. 38.
Effect of Photosensitizer System, Inerting Atmosphere, and Radiation Source on Degree of Conversion in Radiation Cured Films—E. S. Packer, J. J. Krajewski, and T. Yamazaki, Dec., p. 43.

Effect of Temperature on Composition of Copolymers of Maleic Anhydride and Styrene—R. B. Seymour and D. P. Garner, Jan., p. 41.
Electrodeposition of Thin Primer Coatings on Aluminum—A. H. Bushey, Aug., p. 51.
Evaporation Phenomena: Precise Comparison of Solvent Evaporation Rates From Different Substrates—A. L. Rocklin, Nov., p. 45.

F

Fluorinated Polyepoxy and Polyurethane Coatings—D. E. Field, Apr., p. 43.
Fungal Resistant Organotin Resins—M. D. Steele and R. W. Drisko, May, p. 59.

I

Importance of Manufacturing to the Marketing Effort—J. T. Measday, Sept., p. 88.

H

Hydrosilylation of Methyl Eleostearate—S. F. Thames, B. G. Bufkin, S. J. Jen, J. M. Evans, and J. S. Long, Jan., p. 46.

L

Laboratory and Successional Studies with Aureobasidium Pullulans—J. A. Schmitt, D. E. Padgett, and J. B. Achmoody, Apr., p. 35.
Linseed Oil-Metal Acetylacetonate Systems. III. Infrared Spectroscopic Observations on the Drying Film—N. S. Baer and N. Indictor, Dec., p. 58.

M

Minimum Film Forming Temperatures of Emulsion Vehicles and Latex Paints—R. F. Patella, Jan., P. 60.
Model for the Correlation of Rheological Measurements with the Leveling and Cure of Thermosetting Powder Coatings—M. J. Hannon, D. Rhum, and K. F. Wissbrun, Oct., p. 42.

N

N-(Benzimidazol-2-yl)arylcarboxamides as Ultraviolet Stabilizers—N. Grier, Dec., p. 50.
New Class of Conductive Extenders in Zinc-Rich Coatings—F. A. Simko and V. P. Simpson, Mar., p. 61.
New Results and Directions in Phthalocyanine Chemistry—T. J. Marks, Sept., p. 53.
Nonenzymatic Oxidative Degradation of Hydroxyethyl Cellulose Thickened Latex Paints—H. Winters and M. Goll, Nov., p. 80.
Non-Mercurial Preservatives as Supplements to Mercury in Latex Paint—Kansas City Society for Coatings Technology, Apr., p. 58.

P

Photostabilization of Coatings, Studies on Resonance Energy Transfer—E. L. Breskman and S. P. Pappas, Nov., p. 34.
Pigmented Microvoid Coatings II. Luminance and Color of the Concentric Sphere Model—M. Kerker and D. D. Cooke, Oct., p. 35.
Predicting Reflectance and Color of Paint Films by Kubelka-Munk Analysis — IV. Kubelka-Munk Scattering Coefficient—D. G. Phillips and F. W. Billmeyer, Jr., May, p. 30.
Predicting Viscosities of Organic and of Aqueous Solvent Blends—A. L. Rocklin and G. D. Edwards, Sept., p. 68.
Preliminary Results Comparing Paint Mildewcide Efficacy in the Laboratory vs. Exterior Panel Exposure—F. W. Arbir and R. A. Smith, Jun., p. 61.
Prospectus for Basic Research—R. R. Myers, Feb., p. 27.

R

Reactions of UV Curable Resin Formulations and Neat Multifunctional Acrylics — I. Apparatus and Procedure—G. L. Collins, D. A. Young, and J. R. Costanza, Jul., p. 48.
Regulations Regarding Paint Products — Their Classification and Labeling Requirements—M. N. McCoulloch, Jan., p. 62.
Report of the PRI Research Director—R. R. Myers, May, p. 23.
Review of Factors Determining the Solubility and Absorption of Lead and Other Trace Metals in the Gastrointestinal Tract—D. R. Brezinski, Apr., p. 48.
Review of Solvent-Free Liquid Epoxy Coating Technology—M. Gaschke and B. Dreher, Jun., p. 46.
Rule 66 — After Eight Years—Los Angeles Society for Coatings Technology, Feb., p. 61.

S

Selected Applications of Electrochemical Analysis in the Coatings Industry—D. R. Brezinski, Feb., p. 42.
Single Pigment Paints—Philadelphia Society for Coatings Technology, Mar., p. 38.
Solvent Flash Points — Expected and Unexpected—W. H. Ellis, Mar., p. 44.
Surface Chemistry of Pigment-Vehicle Systems—C. A. Kumins, Nov., p. 58.

T

Transmission of Ultraviolet Light by Films Containing Titanium Pigments—M. J. Hird, Sept., p. 75.
Two Approaches to High Solids Coatings for Non-Metal Substrates—L. Gott, Jul., p. 52.

U

Unique Aqueous Nitrocellulose/Acrylic Air-Dry Systems for Industrial Finishing—D. W. Zunker, May, p. 37.
Use of Instrumental Color Readings on Wet Films to Expedite Color Shadings—Cleveland Society for Coatings Technology, Aug., p. 58.
Use of SEM/EDXA in Characterizing Water-Based Surface Treatments for Wood—R. L. Desai and W. A. Cote, Jr., Mar., p. 33.

V

Viscosity of Oligomer Solutions for High Solids and UV Curable Coatings—J. R. Erickson, Sept., p. 58.

Y

Yellowing and Other Film Properties of Linseed — Derived Paints Influenced by Linolenate Content—H. Rakoff, F. L. Thomas, and L. E. Gast, Aug., p. 55.

Author Index

A

ACHMOODY, J. B. — See Schmitt, J. A.
ARBIR, F. W. and SMITH, R. A. — Preliminary Results Comparing Mildewcide Efficacy in the Laboratory vs. Exterior Panel Exposure, Jun., p. 61.

B

BAER, N. S. and INDICTOR, N.—Linseed Oil-Metal Acetylacetonate Systems. III. Infrared Spectroscopic Observations on the Drying Film, Dec., p. 58.
BARNES, H. M — Artificial Weathering of Coatings on Organolead-Treated Southern Yellow Pine, Oct., p. 60.
BERGER, P. D. and GAST, J. A. — Analysis and Measurement of Foaming Phenomena in Water-Based Coating Systems, Oct., p. 55.
BILLMEYER, F. W., Jr. — See Phillips, D. G.
BILLMEYER, F. W. and CARTER, E. C. — Color and Appearance of Metallized Paint Films, Feb., p. 53.
BRESKMAN, E. L. and PAPPAS, S.P.—Photostabilization of Coatings, Studies on Resonance Energy Transfer, Nov., p. 34.
BREZINSKI, D. R. — Review of Factors Determining the Solubility and Absorption of Lead and Other Trace Metals in the Gastrointestinal Tract, Apr., p. 48.
BREZINSKI, D. R. — Selected Applications of Electrochemical Analysis in the Coatings Industry, Feb., p. 42.
BUFKIN, B. G. — See Thames, S. F.
BUSHEY, A. H. — Electrodeposition of Thin Primer Coatings on Aluminum, Aug., p. 51.

C

CARTER, E. C. — See Billmeyer, F. W.
CAVANAUGH, W. T. — The ANSI Councils: A Democratic Route to Technology Assessment, May, p. 64.
COLLINS, G. L., YOUNG, D. A., and COSTANZA, J. R. — Reactions of UV Curable Resin Formulations and Neat Multifunctional Acrylics — I. Apparatus and Procedure, Jul., p. 48.
COOKE, D. D. — See Kerker, M.
COSTANZA, J. R. — See Collins, G. L.
COTE, W. A., Jr. — See Desai, R. L.
COUTTS, G. D. — Economics of Converting to Water-Borne Coatings, May, p. 45.

D

DESAI, R. L. and COTE, W. A., JR. — Use of SEM/EDXA in Characterizing Water-Based Surface Treatments for Wood, Mar., p. 33.
DREHER, B. — See Gaschke, M.
DRISKO, R. W. — See Steele, M. D.

E

EDWARDS, G. S. — See Rocklin, A. L.
ELLIS, W. H. — Solvent Flash Points—Expected and Unexpected, Mar., p. 44.
ERICKSON, J. R. — Viscosity of Oligomer Solutions for High Solids and UV Curable Coatings, Sept., p. 58.
EVANS, J. M. — See Thames, S. F.

F

FELLER, R. L. — See Pollack, S.
FIELD, D. E. — Fluorinated Polyepoxy and Polyurethane Coatings, Apr., p. 43.

G

GARNER, D. P. — See Seymour, R. B.
GASCHKE, M. and DREHER, B. — Review of Solvent-Free Liquid Epoxy Coating Technology, Jun., p. 46.
GAST, L. E. — See Rakoff, H.
GAST, J. A. — See Berger, P. D.
GEBAUER, D. L. and WIBORG, J. N. — Computer Simulation to Optimize Paint Packaging, Nov., p. 71.
GOLL, M. — See Winters, H.
GOTT, L. — Two Approaches to High Solids Coatings for Metal and Non-Metal Substrates, Jul., p. 52.
GRIER, N. — N-(Benzimidazol-2-yl)arylcarboxamides as Ultraviolet Stabilizers, Dec., p. 50.

H

HANNON, M. J., RHUM, D., and WISSBRUN, K. F. — Model for the Correlation of Rheological Measurements with the Leveling and Cure of Thermosetting Powder Coatings, Oct., p. 42.
HILL, H. E. — Application of the Weibull Distribution Function in the Coatings Industry — III. Further Theoretical and Practical Consideration, Aug., p. 63.
HIRD, M. J. — Transmission of Ultraviolet Light by Films Containing Titanium Pigments, Sept., p. 75.

I

INDICTOR, N. — See Baer, N. S.

J

JEN, S. J. — See Thames, S. F.
JILEK, J. — Calcium Salts of Tall Oil Rosins, Sept., p. 83.

K

KERKER, M. and COOKE, D. D. — Pigmented Microvoid Coatings II. Luminance and Color of the Concentric Sphere Model, Oct., p. 35.
KIMI, A. — See Kita, R.
KITA, R. and KIMI, A. — Application of Liquid Diene Polymers to Electrodeposition Coatings, May, p. 53.
KRAJEWSKI, J. J. — See Packer, E. S.
KUMINS, C. A. — Surface Chemistry of Pigment-Vehicle Systems, Nov. p. 58.

L

LERMAN, M. A. — Development of Water-Soluble Alkyd Coatings, Dec., p. 37.
LONG, J. S. — See Thames, S. F.

M

MARTON, J. P. — See Rybicky, J.
MARKS, T. J. — New Results and Directions in Phthalocyanine Chemistry, Sept., p. 53.
MCCOULLOCH, M. N. — Regulations Regarding Paint Products—Their Classification and Labeling Requirements, Jan., p. 62.
MEASDAY, J. T. — Importance of Manufacturing to the Marketing Effort, Sept., p. 88.
MYERS, R. R. — Prospectus for Basic Research, Feb., p. 27.
MYERS, R. R. — Report of the PRI Research Director, May, p. 23.

N

NAGATA, T. — Effect of Molecular Weight of Short Oil Alkyd on Paint Film Properties and Sprayability, Jun., p. 38.

P

PACKER, E. S., KRAJEWSKI, J. J., and YAMAZAKI, T. — Effect of Photosensitizer System, Inerting Atmosphere, and Radiation Source on Degree of Conversion in Radiation Cured Films, Dec., p. 43.
PADGETT, D. E. — See Schmitt, J. A.
PAPPAS, S. P. — See Breskman, E. L.
PATELLA, R. F. — Minimum Film Forming Temperatures of Emulsion Vehicles and Latex Paints, Jan., p. 60.
PEISACH, M. — See Wilson, V. W.
PHILLIPS, D. G. and BILLMEYER, F. W., JR. — Predicting Reflectance and Color of Paint Films by Kubelka-Munk Analysis—IV. Kubelka-Munk Scattering Coefficient, May, p. 30.
PITTMAN, C. U., JR. — Chemical Anchoring of Mildewcides in Paint — Analysis of the Literature, Jun., p. 31.
POLLACK, S., and FELLER, R. L. — On the Crystallography of Chrome Orange, Jul., p. 68.

R

RAKOFF, H., THOMAS, F. L.,and GAST, L. E. — Yellowing and Other Film Properties of Linseed-Derived Paints Influenced by Linolenate Content, Aug., p. 55.
RHUM, D. — See Hannon, M. J.
ROCKLIN, A. L. — Evaporation Phenomena: Precise Comparison of Solvent Evaporation Rates From Different Substrates, Nov., p. 45.
ROCKLIN, A. L. and EDWARDS, G. S. — Predicting Viscosities of Organic and of Aqueous Solvent Blends, Sept., p. 68.
RUDOLPH, J. P. — Determination of the CPVC of Latex Paints Using Hiding Power Data, Aug., p. 45.
RYBICKY, J. and MARTON, J. P. — Assessment of Electrical Resistance Technique for Moisture Permeability Measurements, Mar., p. 58.

S

SCHMITT, J. A., PADGETT, D. E., and ACHMOODY, J. B. — Laboratory and Successional Studies with Aureobasidium Pullulans, Apr., p. 35.
SEYMOUR, R. B. and GARNER, D. P. — Effect of Temperature on Composition of Copolymers of Maleic Anhydride and Styrene, Jan., p. 41.
SIMKO, F. A. and SIMPSON, V. P. — New Class of Conductive Extenders in Zinc-Rich Coatings, Mar., p. 61.
SIMPSON, V. P. — See Simko, F. A.
SMITH, R. A. — See Arbir, F. W.
STEIG, F. B. — Are Conventional Trade Sales Formulating Practices Wasteful?, Jan., p. 51.
STEELE, M. D. and DRISKO, R. W. — Fungal Resistant Organotin Resins, May, p. 59.

T

THAMES, S. F., BUFKIN, B. G, JEN, S. J., EVANS, J. M., and LONG, J. S. — Hydrosilylation of Methyl Eleostearate, Jan., p. 46.
THOMAS, F. L. — See Rakoff, H.

W

WIBORG, J. N. — See Gebauer, D. L.
WILSON, V. W. and PEISACH, M. — Alpha Backscattering Technique to Establish Parameters for Curing Oleoresinous Laquers on Tinplate, Jul., p. 43.
WINTERS, H. and GOLL, M. — Nonenzymatic Oxidative Degradation of Hydroxyethyl Cellulose Thickened Latex Paints, Nov., p. 80.
WISSBRUN, K. F. — See Hannon, M. J.

Y

YAMAZAKI, T. — See Packer, E. S.
YOUNG, D. A. — See Collins, G. L.

Z

ZUNKER, D. W. — Unique Aqueous Nitrocellulose/Acrylic Air-Dry Systems for Industrial Finishing, May, p. 37.

Proceedings Of the Paint Research Institute

No. 118—Effect of Temperature on Composition of Copolymers of Maleic Anhydride and Styrene, R. B. Seymour and D. P. Garner, Jan., p. 41.

No. 119—Hydrosilylation of Methyl Eleostearate, S. F. Thames, B. G. Bufkin, S. J. Jen, J. M. Evans, and J. S. Long, Jan., p. 46.

No. 120—Laboratory and Successional Studies with Auerobasidium Pullulans, J. A. Schmitt, D. E. Padgett, and J. B. Achmoody. Apr., p. 35.

No. 121—Report of the Research Director, May, p. 23.

No. 122—Predicting Reflectance and Color of Paint Films by Kubelka-Munk Analysis. IV. Kubelka-Munk Scattering Coefficient, D. G. Phillips and F. W. Billmeyer, Jr., May, p. 30.

No. 123—Chemical Anchoring of Mildewcides in Paint — Analysis of the Literature, C. U. Pittman, Jr., Jun., p. 31.

No. 124—New Results and Directions in Phthalocyanine Chemistry, T. J. Marks, Sept., p. 53.

No. 125—Pigmented Microvoid Coatings II. Luminance and Color of the Concentric Sphere Model, M. Kerker and D. D. Cooke, Oct., p. 35.

Constituent Society Papers

CLEVELAND — Use of Instrumental Color Readings on Wet Films to Expedite Color Shading, Aug. p. 58.

KANSAS CITY — Non-Mercurial Preservatives as Supplements to Mercury in Latex Paint, Apr., p. 58.

LOS ANGELES — Rule 66—After Eight Years, Feb., p. 61.

LOUISVILLE — Continuing Study of Non-Mercurial Mildewcides in Alkyd anl Acrylic House Paints, Jul., p. 68.

MONTREAL — Adhesion of Latex Paint—Part I, Jun., p. 52.

NEW ENGLAND — Corrosion Inhibiting Pigments Used in Aqueous Coatings, Apr., p. 63.

PHILADELPHIA — Single Pigment Paints, Mar., p. 38.